Figure 1

Add IP & CSbase

Lookup physical address

Find translation with same EIP & physical address

Found?

Generate exception

no

yes

Execute translation

Figure 2

Add IP & CSbase

Lookup physical address

Compare with stored physical address

Same?

no

yes

Execute translation

Figure 3

Generate new translation

1st translation | Jmp

Prologue | Jmp

Prologue | 2nd translation

2nd translation

Figure 4